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(54) **METHOD AND APPARATUS FOR MULTI-DESTINATION ITEM SELECTION USING MOTES**

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(52) **U.S. Cl.**

CPC ***B65G 1/1373*** (2013.01); ***G06Q 10/08*** (2013.01)

(58) **Field of Classification Search**

None

See application file for complete search history.

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(57) **ABSTRACT**

Method and apparatus for multi-destination pick using motes. In embodiments, each receptacle may be assigned to a destination and may have a mote that may include an indicator that may be activated by a control system to indicate to the agent that the receptacle is the destination receptacle for a picked item. The agent may then place the item in the indicated destination receptacle. A mote may include a communication interface for communicating with a control system and with other motes in an ad-hoc network. In one embodiment, the mote on the destination receptacle may be activated when the picked item is scanned by the agent. In some embodiments, each receptacle may also have a sensor that detects when an item is placed in the receptacle to deactivate the indicator and/or to verify that the item was placed in the correct receptacle.

17 Claims, 12 Drawing Sheets